

Prenatal stress and the fetal gut

Citation for published version (APA):

Nikiforou, M. (2016). *Prenatal stress and the fetal gut: potential interventions to prevent adverse outcomes*. [Doctoral Thesis, Maastricht University]. CPI - Wöhrmann Print Service.
<https://doi.org/10.26481/dis.20161220mn>

Document status and date:

Published: 01/01/2016

DOI:

[10.26481/dis.20161220mn](https://doi.org/10.26481/dis.20161220mn)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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Statements

Belonging to the dissertation entitled

Prenatal stress and the fetal gut:

Potential interventions to prevent adverse outcomes

Maria Nikiforou

Maastricht, 20th December 2016

- 1) Mucosal injury following chorioamnionitis requires direct intestinal IL-1 α exposure. (*this dissertation*)
- 2) Boosting intestinal regulatory T cells can protect the fetal gut against the negative consequences of chorioamnionitis. (*this dissertation*)
- 3) Intra-amniotic exposure to *Candida albicans* causes intestinal colonization, invasion within the fetal gut in conjunction with epithelial injury and intestinal inflammation. (*this dissertation*)
- 4) Global fetal hypoxia-ischemia results in intestinal inflammation, structural changes in gut muscle layers and distortion of the enteric nervous system. (*this dissertation*)
- 5) Intravenous administration of mesenchymal stem cells protects the fetal brain but not the fetal gut against global fetal hypoxia-ischemia. (*Jellema et al. 2013, this dissertation*)
- 6) Science is the acceptance of what works and the rejection of what does not. That needs more courage than we might think. (*Jacob Bronowski, 1908-1974*)
- 7) Insanity: doing the same thing over and over again and expecting different results. (*Albert Einstein, 1879-1955*)
- 8) We are what we repeatedly do. Excellence, then, is not an act, but a habit. (*Aristotle, 384-322 B.C.*)
- 9) Necessity is the mother of invention. (*Plato, 427-247, B.C.*)
- 10) Think slow, act fast.